

FIG.1

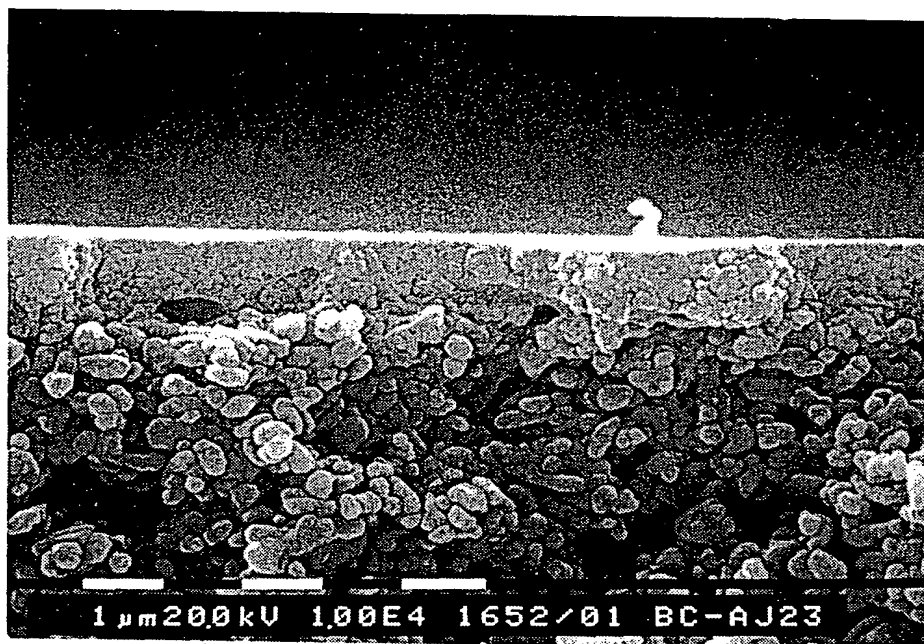
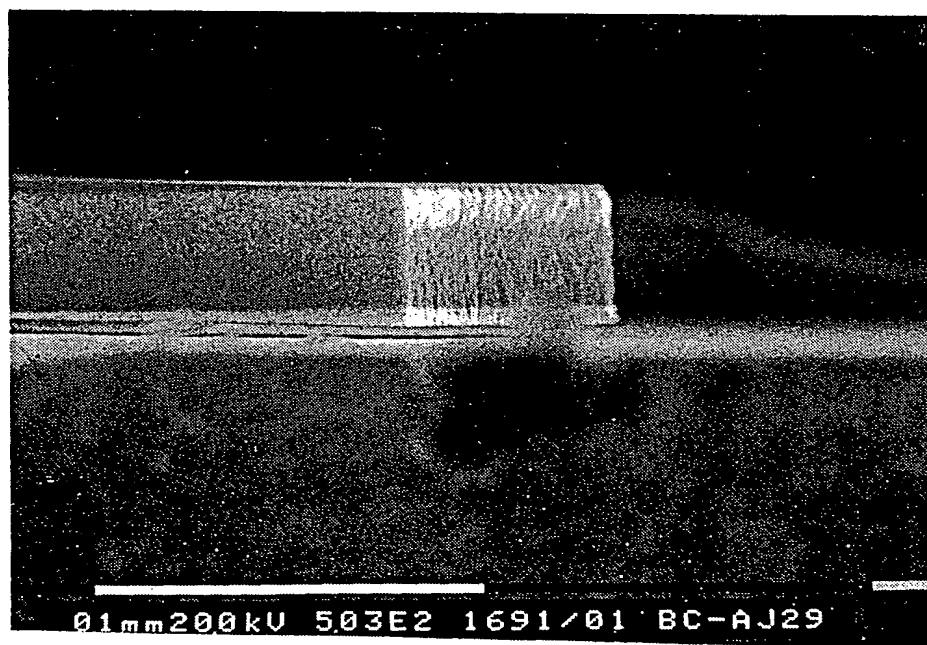
SILICA/
ZEOLITE
LAYER1 μm α ALUMINA
SUBSTRATE

FIG.2

SILICA/
ZEOLITE
LAYER40 μm α ALUMINA
SUBSTRATE

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FIG.3

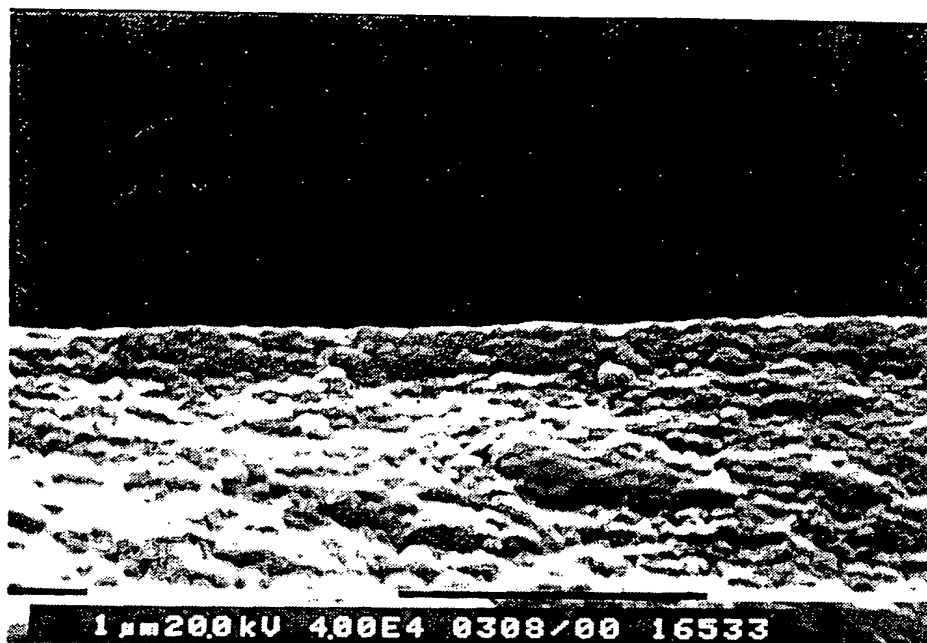
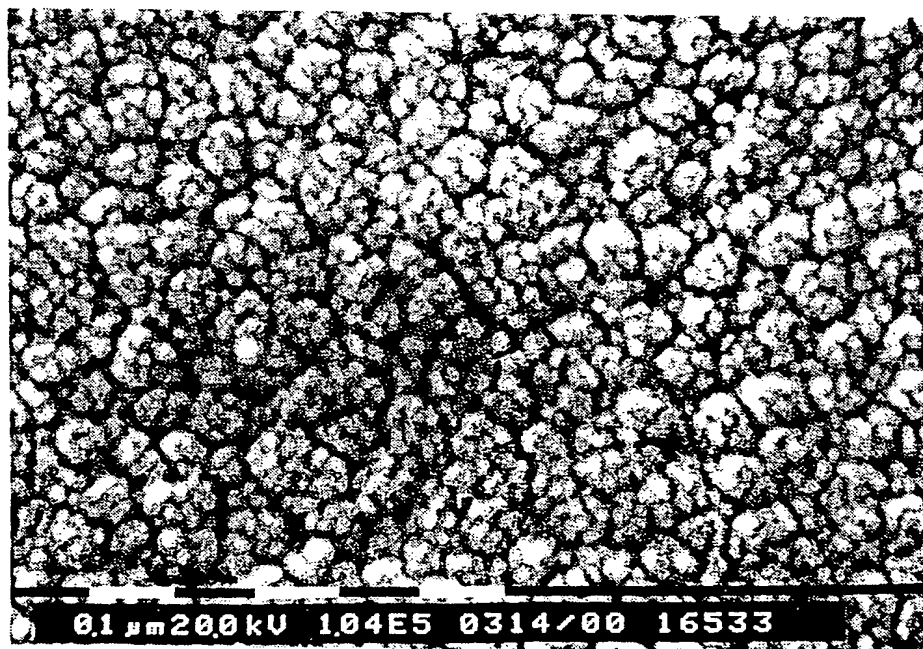


FIG.4



08545707.092896

000250 20254990

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FIG.5

ZSM-5/SILICA-ALUMINA MEMBRANE

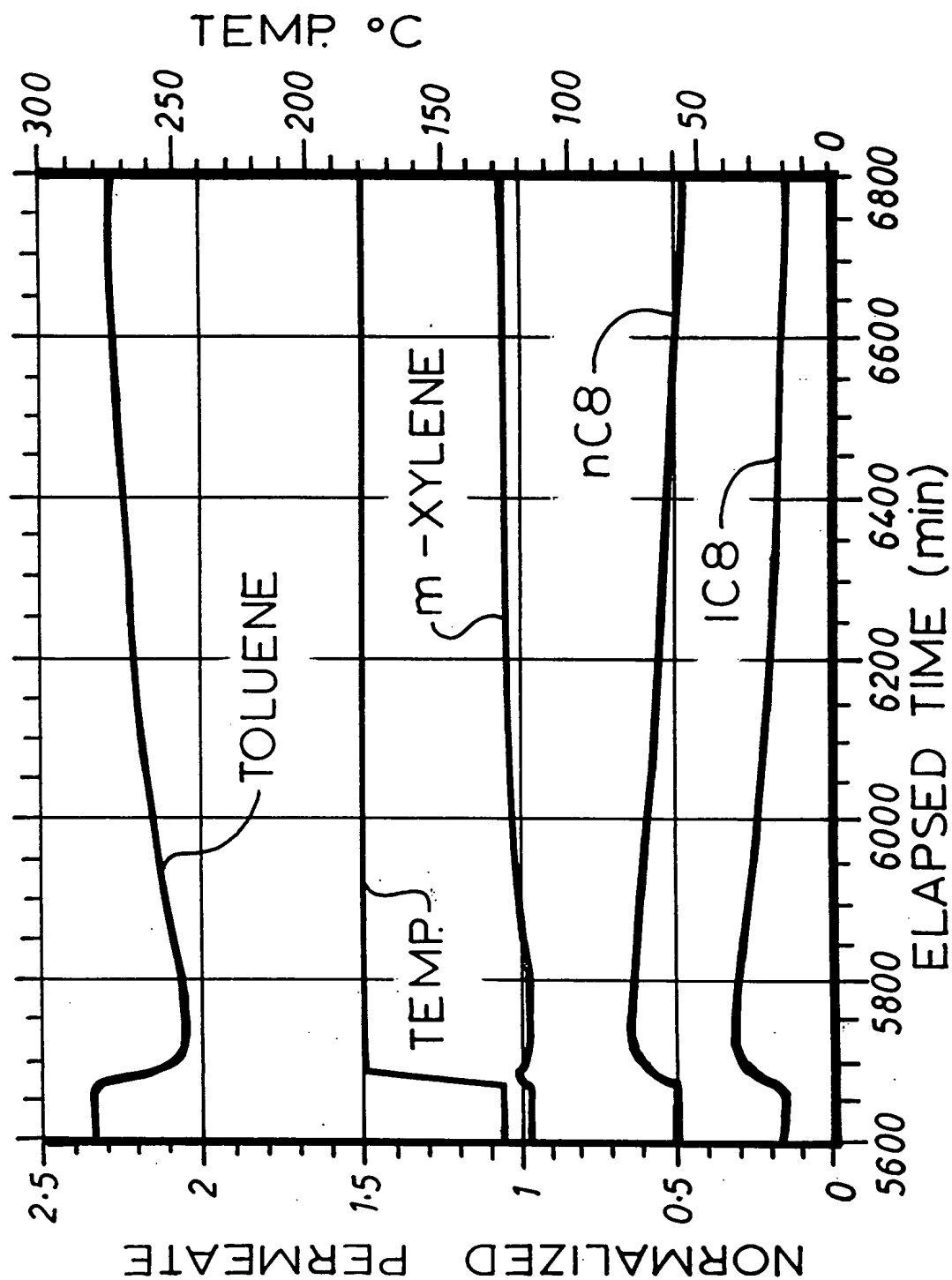
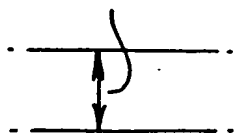


FIG.6

ZEOLITE
LAYER



α Al_2O_3
SUBSTRATE

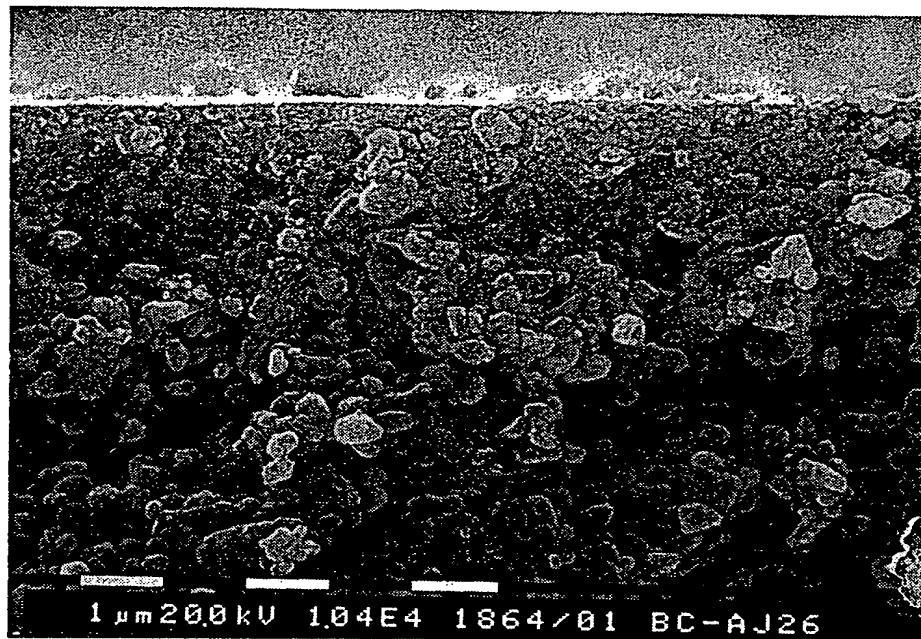
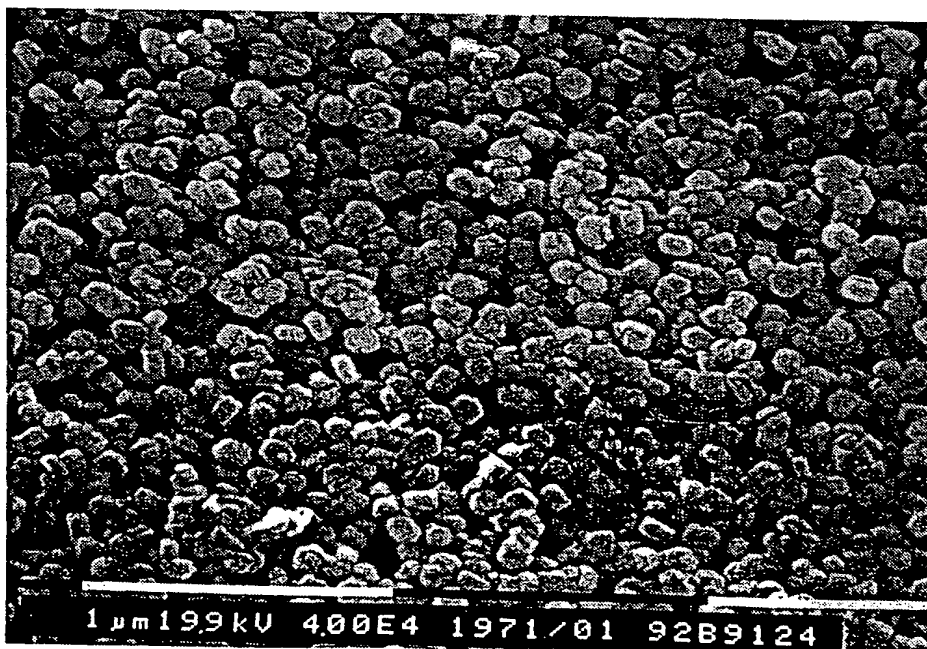


FIG.7

x 40,000



05545707-092690

ZEOLITE
LAYER.

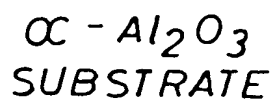
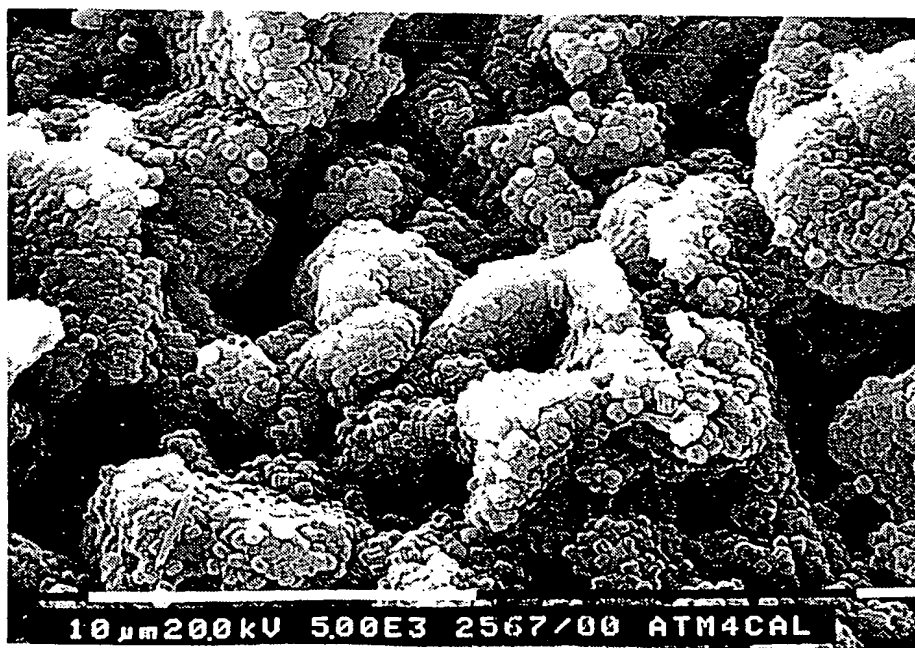


FIG. 9 x 5,000



FIG. 10 x 5,000



054570 205459

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FIG.11 $\times 10,000$

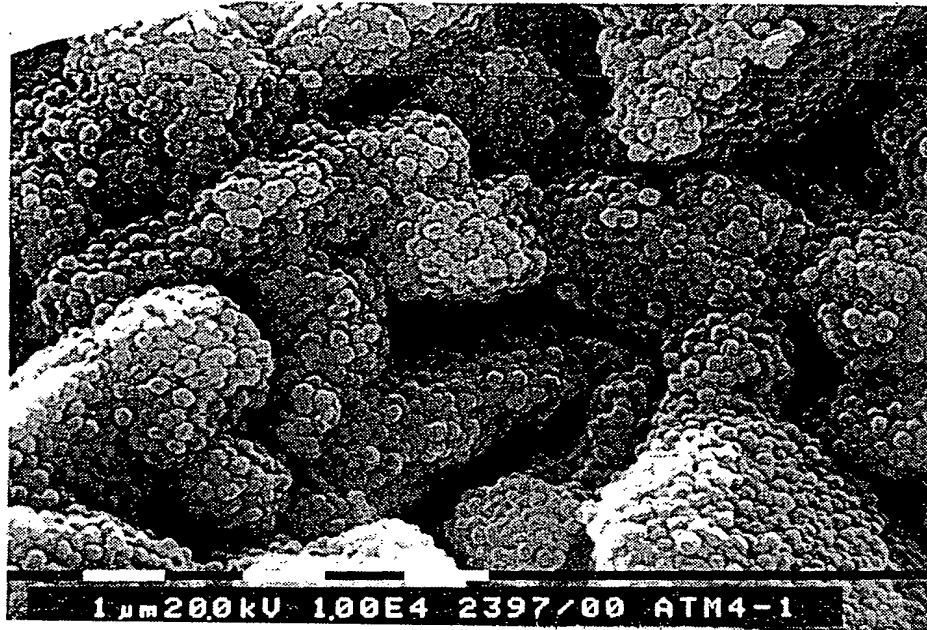
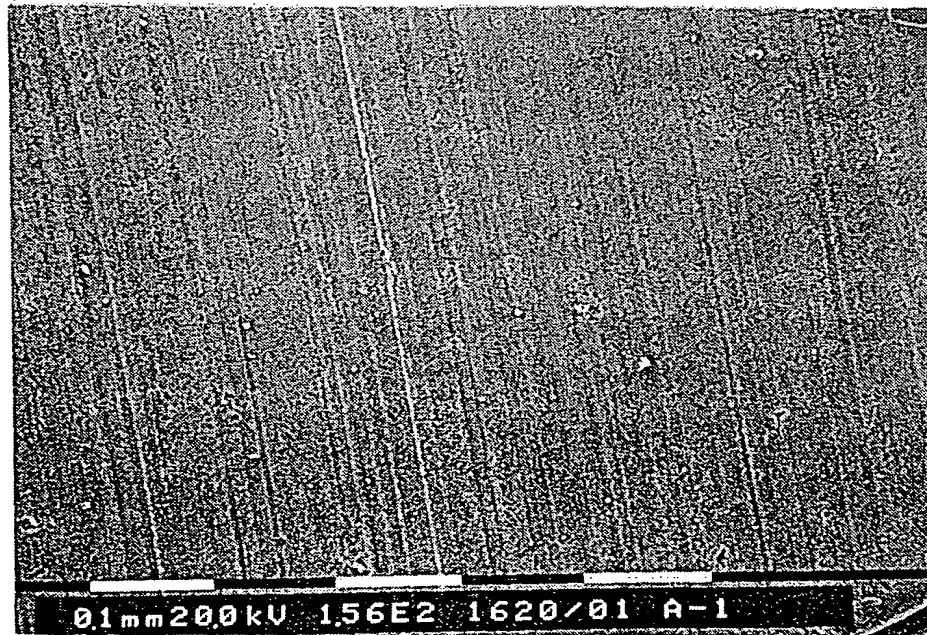


FIG.12 $\times 156$



00470 09280
060260 202490

1 μ m 200kV 1.00E4 1619/01 A-1

1 μ m 200kV 800E4 1622/01 A-1

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FIG.15

